

## Title (en)

Method for acquiring resource region information for PHICH and method of receiving PDCCH

## Title (de)

Verfahren zur Gewinnung von Ressourcenbereichsinformation für den PHICH sowie Verfahren zum Empfang des PDCCH

## Title (fr)

Procédé d'acquisition d'informations sur des régions de ressources pour PHICH et procédé pour la réception de PDCCH

## Publication

**EP 2180629 A3 20100728 (EN)**

## Application

**EP 09180051 A 20080814**

## Priority

- EP 08793268 A 20080814
- US 95586307 P 20070814
- KR 20080079740 A 20080814

## Abstract (en)

[origin: EP2180629A2] A method of acquiring information on a resource region for transmitting PHICH and a method of receiving PDCCH using the same are disclosed. The resource region for transmitting the PHICH can be specified by first information corresponding to the per-subframe PHICH number and second information corresponding to a duration of the PHICH within the sub frame. The first information can be specified into a form resulting from multiplying a predetermined basic number by a specific constant. And, the specific constant can be transmitted via PBCH. Moreover, the second information can be acquired from the PBCH as well.

## IPC 8 full level

**H04B 7/26** (2006.01); **H04L 5/00** (2006.01); **H04L 27/26** (2006.01)

## CPC (source: EP KR US)

**H04L 1/16** (2013.01 - EP US); **H04L 1/1812** (2013.01 - KR); **H04L 1/1861** (2013.01 - KR US); **H04L 5/0053** (2013.01 - EP US); **H04L 5/0055** (2013.01 - KR); **H04L 27/2613** (2013.01 - EP US); **H04W 48/10** (2013.01 - KR); **H04W 72/0446** (2013.01 - US); **H04W 72/02** (2013.01 - EP US)

## Citation (search report)

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- [XP] CATT ET AL: "Indication of PHICH resource for TDD", 3GPP DRAFT; R1-081326, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Shenzhen, China; 20080326, 26 March 2008 (2008-03-26), XP050109752

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## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA MK RS

## DOCDB simple family (publication)

**EP 2180629 A2 20100428; EP 2180629 A3 20100728; EP 2180629 B1 20171129;** BR PI0815158 A2 20150331; CN 101669304 A 20100310; CN 101669304 B 20130828; CN 103281163 A 20130904; CN 103281163 B 20161116; EP 2104986 A2 20090930; EP 2104986 A4 20100728; EP 2104986 B1 20121003; EP 3293905 A1 20180314; EP 3293905 B1 20210217; EP 3293906 A1 20180314; EP 3293906 B1 20210217; EP 3806365 A1 20210414; EP 3806365 B1 20221005; EP 4099596 A1 20221207; ES 2396266 T3 20130220; ES 2660591 T3 20180323; JP 2010518734 A 20100527; JP 4972694 B2 20120711; KR 100913106 B1 20090821; KR 20090017450 A 20090218; MX 2010001707 A 20100311; PL 3806365 T3 20221227; RU 2010109181 A 20110920; RU 2439809 C2 20120110; US 10117243 B2 20181030; US 11064484 B2 20210713; US 2010002647 A1 20100107; US 2010284347 A1 20101111; US 2011268078 A1 20111103; US 2012287901 A1 20121115; US 2014247793 A1 20140904; US 2018103470 A1 20180412; US 2019014578 A1 20190110; US 7852806 B2 20101214; US 8351392 B2 20130108; US 8743819 B2 20140603; US 8767634 B2 20140701; US 9877319 B2 20180123; WO 2009022879 A2 20090219; WO 2009022879 A3 20090402

## DOCDB simple family (application)

**EP 09180051 A 20080814;** BR PI0815158 A 20080814; CN 200880010398 A 20080814; CN 201310097293 A 20080814; EP 08793268 A 20080814; EP 17179665 A 20080814; EP 17179666 A 20080814; EP 20212180 A 20080814; EP 22186583 A 20080814; ES 08793268 T 20080814; ES 09180051 T 20080814; JP 2009549013 A 20080814; KR 2008004754 W 20080814; KR 20080079740 A 20080814; MX 2010001707 A 20080814; PL 20212180 T 20080814; RU 2010109181 A 20080814; US 201113180416 A 20110711; US 201213553493 A 20120719; US 201414280338 A 20140516; US 201715839083 A 20171212; US 201816130414 A 20180913; US 52649908 A 20080814; US 55846009 A 20090911